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The **FEMP MONTHLY UPDATE** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the **UPDATE** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The **FEMP MONTHLY UPDATE** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748. This newsletter is also available electronically at www.eren.doe.gov/femp/resources/update.html.

DOE BULLETIN BOARD

Short-Term Energy Outlook, Energy Information Administration, August 2001

According to EIA's most recent monthly report, U.S. total demand for petroleum this year is expected to increase 1.1 percent to about 19.9 million barrels per day. Demand is expected to increase another 360,000 barrels per day in 2002, or 1.8 percent.

EIA predicts gasoline prices to remain steady for the rest of this year, averaging between \$1.38 and \$1.40 per gallon. The average gasoline price for this year's driving season (April through September) will likely remain the same or decrease from the average price this time last year.

In natural gas news, EIA forecasts demand for natural gas to remain flat this year partly due to lower growth rate expectations this year relative to last year. Natural gas spot prices averaged \$4.00 per thousand cubic feet during the third quarter of last year (July-September 2000). EIA predicts this year's third quarter average natural gas spot prices to be about 30 percent lower than last year.

DOE's Seattle Regional Office is sponsoring the Assessment of Load and Energy Reduction Techniques (ALERT) Workshop and Live Webcast to teach participants how to maximize peak operational efficiency, reduce base load, and re-tune facilities. The workshop will be held on August 30 in San Francisco, CA. For more information, see www.eren.doe.gov/femp/resources/training/fy2001_alert.html. You can view the webcast at www.eren.doe.gov/femp/resources/training/webcast.html.

The Department of Energy will fund 12 R&D projects designed to improve the energy efficiency of commercial and residential buildings and lead to the development of building design and analysis technologies that can increase energy conservation and efficiency. Planned improvements include reduced pollution from heating and cooling systems, lighting systems, and appliances. For more information, go to www.energy.gov.

CONGRESSIONAL ACTIVITIES

CONGRESSIONAL SCHEDULE

Congress will return from its August recess next week; the Senate will resume on September 4 and the House on September 5. The priority for both chambers will be completion of the 13 FY 2002 appropriation bills. The House has completed work on nine bills, and the Senate has completed five. **Both chambers anticipate that a continuing resolution will be required to complete work on FY 2002 appropriations after the new fiscal year begins on October 1.**

Between the House and Senate, there are five bills that are ready for conference, and the two chambers are expected to name conferees once they reconvene after the Labor Day holiday. House and Senate sources have expressed an interest in presenting nine bills to the President for his signature by October 1; however, with only 13 legislative days scheduled for September, this may be a difficult goal to achieve. The five bills that have passed both the House and Senate and are ready for conference include:

- **Interior and Related Agencies**
- **Energy and Water Development**
- **Transportation and Related Agencies**
- **Veterans' Administration, Housing and Urban Development, and Independent Agencies**
- **Legislative Branch**

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FY 2001 APPROPRIATIONS

- Refer to [Attachment A](#) on the status and scope of FY 2002 appropriations bills.

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Secretary of Energy Spencer Abraham has moved to relocate 150,000 barrels of the Northeast Home Heating Oil Reserve to Providence, RI. The entire reserve is two million barrels, and the Rhode Island facility has the option to expand to 250,000 barrels in the future. (Source: DOE Press Release, August 6, 2001)

Secretary Abraham also awarded contracts to seven industry teams for a total of \$18.5 million. The teams will conduct research, development, and testing of packaged cooling, heating, and power systems. (Source: DOE Press Release, August 8, 2001)

DOE is turning over to the Northwest Energy Efficiency Alliance its program to introduce subcompact fluorescent lamps (sub-CFLs) to the marketplace. The NEEA will launch a venture to encourage and support sales of sub-CFL products. Sub-CFL products are better performing, cost less, and are more energy efficient. For more information, go to www.nwalliance.org.

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NOTABLE QUOTE

“Based on our estimates, a typical family with a home more than a decade old could save \$200 per year in electricity and water bills, and 18,600 gallons of water, by switching to highly energy and water efficient appliances.” – Secretary of Energy Spencer Abraham on the SWEEP Report (highlighted below), August 1, 2001

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DID YOU KNOW?

The Mid-Atlantic Renewable Energy Coalition held a press conference featuring a 100-foot-long wind turbine blade to bring attention of the Mill Run wind facility. The blade was brought by truck to City Hall in Philadelphia. The Mill Run facility will be composed of 10 turbines 210 feet in the air. More information on the Mill Run wind farm is at www.newwindenergy.com.

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STATUS OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP

- Refer to [Attachment A](#) on the status and scope of pending authorizations bills related to energy and environmental issues.

SENATE

Base Closures The Department of Defense has drafted legislation to amend the *Defense Base Closure and Realignment Act of 1990* to implement another round of military base closures worldwide in 2003; the bill has yet to be introduced. The proposal has three main components:

- Conduct a fifth round of base closures and realignments in 2003 with an anticipated annual recurring savings of \$3 billion; savings would be associated with the first four rounds that occurred between 1988 and 1995 affecting 97 of the 495 major installations in the United States.
- Implement a set of tools for the efficient operation of enduring military installations; this would include strategies for privatization and the formulation of competitive sourcing and housing initiatives.
- Implement significant improvement to the existing base closure process.

No timetable for introducing the bill has been announced.

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NEW LEGISLATIVE INITIATIVES OF INTEREST TO FEMP

- See [Attachment B](#) – New Legislation of Interest to FEMP

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NEW ON THE FEMP HOME PAGE

www.eren.doe.gov/femp/resources/legislation.html Legislation section

www.eren.doe.gov/femp/resources/dir_assessment.html ALERT

www.eren.doe.gov/femp/resources/initiatives.html Legislative Initiatives

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HEARINGS OF INTEREST OF FEMP

- See [Attachment C](#) – Hearings of Interest to FEMP

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FEDERAL AGENCY **ACTIVITIES**

WHITE HOUSE

Formation of New Energy Task Force Executive Order 13212, Actions to Expedite Energy-Related Projects, which was signed by the President on May 18, 2001, established an interagency task force to monitor and help expedite the Executive Branch's review of permits and take other actions necessary to accelerate the completion of energy-related projects by the Federal sector. **The Council on Environmental Quality (CEQ), which will coordinate the task force, has issued a request for comments to develop the nature and scope of the proposed task force. Energy-related projects include Federal activities that “will increase the production, transmission, and conservation of energy.”** The CEQ plans to organize the activities of the task force according to the following functions:

- Pipelines
- Refineries
- Electricity generation
- Nuclear
- Electricity transmission
- Hydropower
- **Renewable sources**
- **Conservation**

Task force membership will include representatives from the cabinet-level agencies, the Office of Management and Budget, the Environmental Protection Agency, and the General Services Administration, among other agencies and departments. Written comments are due by October 1, 2001; for further information, consult the CEQ website at www.whitehouse.gov/ceq.

Federal Budget Surplus On August 22, the Office of Management and Budget (OMB) released its *Mid-Session Budget Review*, which projects a Federal budget surplus \$158 billion for FY 2001. The report also includes projections for FY 2002 at \$173 billion and an estimated total surplus of \$3.1 trillion between FY 2002 and FY 2011. In releasing the report, OMB Director Mitchell Daniels said:

The government's finances are in extraordinarily strong shape. Despite a weak economy, 2001 will see the second largest surplus in history. The size of future surpluses, as well as continued strong growth of Social Security and Medicare Trust

Funds, all depend on a return to sustained economic growth. All relevant policies – fiscal, trade, regulatory, and others – should share this primary objective.

For FY 2001 and FY 2002 appropriations, there will be a surplus of \$1 billion; for FY 2003 the estimate is \$2 billion and for FY 2004, OMB projects a surplus of \$6 billion.

To view the report, visit the OMB website at www.omb.gov.

Nominations The President announced his intent to nominate Patrick Henry Wood, III to serve as the new Chairman of the Federal Energy Regulatory Commission. Mr. Wood was confirmed earlier this year as a member of the commission. If confirmed, he will replace Curtis Herbert, Jr., whose resignation is effective August 31, 2001.

DEPARTMENT OF DEFENSE

Utility Rate Services The Air Force is seeking the services of small business organizations to perform reviews and analyses of utility rate applications and provide utility rate intervention support at hearings conducted by the Federal Energy Regulatory Commission or State Utility Regulatory Commissions. For additional information on this initiative, contact Dexter Hooks at 850-283-8638 and refer to Solicitation Number F08637-01-R-6005.

Power Aware Research The Defense Advanced Research Projects Agency is planning to begin Phase II of its “Power Aware Computing and Communications (PAC/C)” research program. **The purpose of the overall program is to define, develop, and accelerate the adoption of a new class of computing and communication systems that will be composed of power aware elements designed to dynamically respond to the changing energy resources encountered in power-constrained systems.** The PAC/C goal is to provide an integrated software/hardware technology suite with the potential to reduce power requirements by two to three orders of magnitude as measured by energy delay or performance/watt or performance per watt metrics. For more information on Solicitation Number BAA01-40, contact Robert Graybill at 703-696-4534.

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DEPARTMENT OF ENERGY

Interagency Energy Management Task Force The Interagency Energy Management Task Force, which is coordinated by the Federal Energy Management Program, met on August 1, 2001, in Washington, DC. Presentations by FEMP officials and other energy-related organizations revealed the following:

- **Executive Order 13221** on Energy Efficient Standby Power Devices was issued on July 31, 2001. While the executive order reduces the energy drawn from appliances and equipment that is turned off, many EnergyStar® appliances do not conform with the executive order’s stipulation.
- **FEMP’s “quick census” of Federal sites with combined heat and power (CHP) potential** has revealed that “of the 32 percent of large Federal sites contacted, 17 percent indicated that 31 sites have CHP potential.” Half of the sites are located in California.
- **FEMP has \$520,000 in project funding** available for FY 2002 Technical Assistance Projects.
- **California’s power outages cost \$22 billion for the state.** Nationwide, the cost is estimated at \$100 billion. FEMP will respond with a “preparedness” campaign that entails ramping up energy conservation efforts at Federal facilities, expanding the EnergyStar® Program, expanding permitting, and adjusting operations at the Western Area Power Administration and the Bonneville Power Administration.

- **ALERT team surveys revealed an 11 percent reduction in energy consumption** and a 5 percent to 10 percent reduction in demand at Federal sites. ALERT team plans include greater emphasis on heating efficiency, Federal training on ALERT protocols, and increased use of private sector evaluation teams.
- **The Department of Energy has launched an update of the Federal Commercial Building Energy Standard (FEDCOM II)** and will use ASHRAE Standard 90.1-1999 as a model. FEMP and other energy-related agencies will participate in this update.
- **In FY 2002, the Federal fleet displaced 1.8 million gallons of gasoline with alternative fuels;** FEMP plans to examine alternative fuel infrastructure partnership opportunities to meet the Federal fuel requirements.
- **A new working group on Sustainability** will be coordinated by FEMP.
- **The FEMP website now includes** the FY 2000 Agency Energy Scorecards and the *FEMP Monthly Update* and *INSIGHTS: 107th Congress* newsletters.

The next Interagency Energy Management Task Force meeting will be held on Wednesday, October 10, 2001.

Public Workshop on Appliances The Office of Building Technology Systems will conduct a public workshop on September 12, 2001, at DOE's Headquarters in Washington, DC. **The purpose of the workshop is to obtain public input on whether the Department should adopt ASHRAE/IESNA Standard 90.1-1999 for commercial unitary air conditioners and heat pumps.** For further information, contact Bryan Berringer of DOE at bryan.berringer@ee.doe.gov

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ENVIRONMENTAL PROTECTION AGENCY

Green Power Purchases The EPA has joined 20 Fortune 500 companies, colleges, and governmental entities to create the Green Power Partnership. Partners pledge to switch to green power for a portion of their electricity needs within the next year. For more information, click on "EPA Press Releases" at www.epa.gov.

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NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

Building Energy Research NIST has launched a new research initiative to collect performance data on "energy walls," a new technology that replaces conventional facades and roofing with photovoltaic panels. NIST is combining a mobile test facility, a meteorological station, and a PV testbed to determine which types of PV panels are most effective for this application. For more information, contact Hunter Fanney at hunter.fanney@nist.gov or (301) 975-5864.

ATLANTA REGION

No new information of interest to report.

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BOSTON REGION

The U. S. Postal Service has awarded a natural gas contract for facilities located in the New York

Metro, Capital Metro, and Allegheny Areas . The contract was awarded to Tiger Natural Gas, Inc., of Tulsa, Oklahoma, for Phase I natural gas transportation and related gas management services. The project calls for one base year and one option year at \$10 million. Contact Deborah Wilcox-Loos at (860) 285-7343 and refer to Contract Number 089480-01-A-0519.

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CHICAGO REGION

Utility/DSM Activities

The Federal Bureau of Prisons is seeking a natural gas service provider for a proposed facility in Terre Haute, Indiana. The Bureau plans to construct and operate a U.S. Penitentiary and Federal Prison Camp housing 1,100 inmates, a warehouse, and ancillary buildings. Natural gas service is scheduled to begin between June 1, 2003, and January 1, 2004; base year of service will be one year with up to a total of 10 years of service. For additional information on Solicitation Number X00-0456, contact Belinda Toews at (202) 307-09543.

The Defense Supply Center plans to install replacement uninterruptible power supply for the Center's Columbus, Ohio, facility. For additional information, contact Deborah Collins at (614) 692-1783, and refer to Solicitation Number SP071001Q0018.

The General Services Administration has announced a sole source procurement for facilities located within the Commonwealth Edison Territory in Chicago, Illinois. Since a number of facilities are involved in the procurement, the terms of service will vary. The contract will require a mix of electricity service in compliance with *Executive Order 13123*; a minimum of 25 percent of electricity is to be derived from renewable energy. In related news, GSA recently awarded a contract for electricity services for Chicago, Illinois. **A contract in the amount of \$1,459,973 was awarded to Exelon Energy of Westchester, Illinois.** Contact Jennifer Dunne at (312) 353-7630 for information on these activities, and refer to Contract Number GS05P01GAC0170.

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DENVER REGION

Utility/DSM Activities

The Western Regional Office of the Bureau of Indian Affairs plans to acquire the services of an electrical consultant to complete a study for the agency. The task will involve completion of an Electrical Power Rate Study and Performance Review for the Colorado River Agency located in Parker, La Paz County, Arizona. Contact Renee Hollat at (602) 379-8383, and refer to Solicitation Number RMH00010005.

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PHILADELPHIA REGION

Utility/DSM Activities

The Huntington (West Virginia) District Corps of Engineers plans to construct an alternate source of reliable electrical power for use during flooding events when commercial power outages occur. The project will include to acquisition of stand-alone generating units for the Renick Run Storm Water Pump Stations. For more information on Solicitation Number DACW69-01-R-0030, contact Janice Swann at (304) 529-5620.

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SEATTLE REGION

Utility/DSM Activities

The Army is seeking wholesale power for Fort Richardson in Alaska. The base's annual energy use is 70,000 kW hours with a maximum demand of 13.5 megawatts; service is scheduled to begin on October 1, 2003. For more information on Solicitation Number DAPC49-01-R0018, contact Steve.Russell@richardson.army.mil.

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Multiple Regions

Utility/DSM Activities

The Department of Defense, through MEDCOM plans to install and maintain utility control systems to monitor utility use at facilities located in the Continental U.S., Hawaii, Alaska, and OCONUS. Facilities to be monitored include electricity, steam, and hot water heat. MEDCOM plans to use a central monitoring station connected by data transmission lines to remote stations located in the various facilities on military installations. For additional information, consult with Christina Sylvester at 210-295-4760 and refer to Solicitation Number DADA110-01-R-0044.

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STATE AND LOCAL GOVERNMENT ACTIVITIES

ATLANTA REGION

► **General State Activities**

Florida Governor Jeb Bush (R) recently proposed a five percent annual energy reduction in state government facilities. Initiatives include increasing the prevalence of energy-saving technologies, establishing a Florida Energy Partnership, and furnishing state facilities with fuel-efficient vehicles. Bush stated "The cheapest, easiest, and fastest kilowatt we generate is the one we save through efficiencies." (Source: *Greenwire*, August 22, 2001)

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BOSTON REGION

► **General State Activities**

Through funds provided by the Massachusetts Renewable Energy Trust, the City of **Brockton, Massachusetts, will commission a feasibility study to determine the benefits and costs of building a large-scale solar power generating facility.** The proposed facility would generate 25 10-MW blocks of electricity, or enough to power 3,000 homes and avoid 14,000 tons of CO₂ emissions each year. (Source: *Business Wire*, July 26, 2001)

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CHICAGO REGION

► **General State Activities**

On January 1, 2004, all utilities in Iowa will be required to offer green power options to their customers. Governor Thomas Vilsack (D) approved the bill, which will allow customers to contribute to programs that support the development of renewable energy sources. (Source: *Green Power Marketing Update*, July 2001)

Minnesota State Governor Jesse Ventura (Reform Party) signed a bill directing utilities to purchase a certain percentage of renewable energy. Utilities may either generate their own renewable power or buy power generated from another renewable energy provider, specifically “high efficiency, low emission distributed generation, such as fuel cells or microturbines fueled by a renewable fuel.” Governor Ventura hopes the law will push the development of ethanol in power generation, as the State of Minnesota is the largest producer of ethanol with 14 plants. (Source: *Environment News Service*, July 10, 2001)

► **Status of Utility-Related Activities**

Otter Tail Power Company is offering Minnesota, North Dakota, and South Dakota residential and business (commercial and industrial) customers the option to buy wind-generated electricity. The wind power can be purchased at \$2.60 per 100-kilowatt-hour; to participate, customers must commit to the program for at least one year. For more information on the program visit Otter Tail’s website at www.otpc.com.

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DENVER REGION

► **General State Activities**

A bill to impose an excise tax on electricity generation in Wyoming has been introduced by State Senator Jayne Mockler (D). It is unlikely that the bill will pass because Senate colleagues and industry representatives believe that the tax would hinder generators from participating in the wholesale market. (Source: *Tax Analysts’ State Tax Notes*, July 20, 2001)

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PHILADELPHIA REGION

► **General State Activities**

The State of Pennsylvania has released a report stating that over 40,000 new jobs will be created by 2005 as a result of electric choice. In addition, nominal personal income is projected to increase by \$1.8 billion, and state revenues will increase by \$2.3 billion. The “Electricity Generation Customer Choice and Competition” report, presented to Governor Tom Ridge (R) and the legislature, also projected that electric choice will result in an influx of 56,000 new people into the state. (Source: *PR Newswire*, August 6, 2001)

Maryland Governor Parris Glendening (D) has signed a bill that provides an **income tax credit for rehabilitation or construction costs associated with outfitting buildings and equipment with environmentally friendly and energy efficient technologies.** (Source: *Tax Analysts*, July 30, 2001)

► **Status of Utility-Related Activities**

Virginia, Maryland, and the District of Columbia are taking action to prevent their inclusion in a Northeast Regional Transmission Organization. FERC declared in a July 12 order that each state must consolidate its market. Each of the respective Public Service Commissions are leading the efforts to maintain their autonomy; they argue that the order would “add a huge new variable of instability” to the market. (Source: *EnergyWashington.com*, August 2, 2001)

New Jersey electric customers benefited from a 4.9 percent rate cut on August 1. With the third rate cut approved through the state’s deregulation plan instituted in February 1999, customers are expected to save over \$400 million this year on electric bills. A fourth and final rate cut of 4.9 percent will occur next year. (Source: *The Record*, August 1, 2001)

The Public Utilities Commission of Ohio has contracted Pierce Communications to market the company’s electric choice program. **Consumer education is needed in the state because only 150,000 customers have switched to alternate suppliers.** The restructuring law requires that at least 20 percent of electric customers must switch within five years. (Source: *Electricity Daily*, July 24, 2001)

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SEATTLE REGION

► **General State Activities**

As part of an effort to determine if wind power is feasible in Portland, Oregon, the city will construct a 112-foot wind turbine near the Portland International Airport. Through this \$30,000 investment, the city expects to save at least \$1,700 a year. The turbine is the most recent result of the city’s decade-long effort to increase energy efficiency. (Source: *The Oregonian*, August 20, 2001)

As a reward for reducing their summer energy consumption by 20 percent from last year’s level, **California Governor Gray Davis (D) will provide three million California residents and businesses with a share of \$60 million in rebates.** Governor Davis dubbed the results “a stunning success... when Californians put their minds to something, no goal is unattainable.” (Source: *Greenwire*, August 3, 2001)

A tax credit bill allowing an individual income tax reduction on the interest paid on energy efficient investments has been approved by the California Senate Revenue and Taxation Committee. SB 75, sponsored by Deborah Ortiz (D), was supported by the Sacramento Municipal Utility Company. The bill was passed through with two amendments: one requiring utilities to inform customers of this deduction and the other preventing customers to receive credits of similar measure. (Source: *Tax News Update*, Center for a Sustainable Economy, July 31, 2001)

Experts contend that the State of California will not likely see blackouts for the rest of the summer. The following factors contribute to this assumption:

- Weather has been mild this summer.
- Consumers and businesses have slashed their energy use by 12 percent over last year’s level.
- New power plants have been built to serve the state’s electric needs.
- Scrutiny of energy companies has increased.

(Source: *Greenwire*, August 7, 2001)

California Governor Gray Davis (D) has named S. David Freeman (former head of the Tennessee Valley Authority) as chairman of the newly established Consumer Power and Conservation Financing Authority (CPCFA). The CPCFA will be responsible for making loans to

stabilize California's power supply, issuing up to \$5 billion in bonds to build electric plants, funding plant upgrades, and encouraging conservation practices. The CPCFA must supply cost-based power to meet their mandate of providing California customers with a reliable electric supply by 2006. The CPCFA has the authority to exercise eminent domain. Freeman plans to model the agency after the New York Power Authority. (Source: *Reuters*, August 13, 2001, and *Dow Jones Newswires*, August 15, 2001)

Governor Gray Davis also approved a \$2.9 billion "rescue plan" to save a foundering utility, Southern California Edison. The utility is authorized to sell bonds to recover \$2.9 billion of its \$3.9 billion debt. The remaining \$1 billion must be repaid by the utility by other means. Consumer advocates oppose the rescue plan, stating that the plan is "just an Edison bailout." The Foundation for Taxpayer and Consumer Rights commented "It would be better for the public if the legislature did nothing to solve Edison's financial problems." (Source: *Greenwire*, August 22, 2001)

► **Status of Utility-Related Activities**

The States of Washington, Oregon, and Nevada have asked a Federal Regulatory Commission law judge to demand payback of \$1 billion in overcharges assessed when the states had to resort to buying wholesale power to compensate for the electricity diverted to California earlier this year. California also demanded a repayment of \$1.5 billion to cover the high rates it was forced to pay the wholesalers. (Source: *Energy Online Daily News*, August 21, 2001)

The California Public Utilities Commission and its president, Loretta Lynch, are working on a plan that will allow the state to sell \$12.5 billion in power purchase bonds to help recover debt associated with the electric debacle. A final vote on the plan has been delayed until September 6. The plan has outlined seven provisions that will establish the legal structure for the program to be managed by the Department of Water Resources. (Source: *Reuters*, August 21, 2001)

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UTILITIES AND SUPPLIER ACTIVITIES

GENERAL ANNOUNCEMENTS

The National Energy Marketers Association has approved a set of "National Guidelines for Implementing Distributed Generation and Related Services." Recommendations include the following:

- Rework distribution rates and remove penalties, redundant charges, and barriers to entry, and institute tariffs to encourage investment in distributed generation
- Require utilities to provide equal access to power and service markets for consumers that invest in distributed generation
- Adopt uniform technical requirements and procedures for interconnection of distributed generation technology
- Reasonable environmental regulations and widespread education
- Limit utilities to natural monopoly functions

For a more detailed set of guidelines, visit www.energymarketers.com

GE Distributed Power has contracted to install 131 MW of small distributed generation systems in California and the Northwest. Each one megawatt "Power in a Box" system is "low emission, compact, and self-contained... [and] are designed to easily comply with environmental and zoning regulations." In

addition, the units are installed and operating within 30 days, while traditional power plants can take years to build and initiate operation. (Source: *Electricity Daily*, August 6, 2001)

The Bonneville Power Administration, Western Area Power Administration, National Renewable Energy Laboratory, and other energy-related organizations are funding a study of wind generation on electric system operations. The twelve month study, conducted by Electrotek Concepts, will assess the impact of intermittent generation on real-time data gathering including supply/load balancing, scheduling, and short term planning of power systems. The President and CEO of Electrotek's parent company, WPT Inc., commented "Wind energy has the greatest opportunity of all renewables to make a significant near-term impact on the nation's energy supply." Participating utilities and the National Renewable Energy Laboratory will provide necessary performance data for the study. (Source: *Business Wire*, July 27, 2001)

Residences and small business owners can more easily produce their own renewable power, thanks to the introduction of the Bergey Wind Turbine that is now available online at www.target.com. Part of the Target Corporation's Energy Savers initiative, the windmills can produce up to 1,000 watts of power. Cathy David, General Manager of Target.com, said "We believe this is a cool and stylish way to offer immediate relief to the regional brownouts and soaring costs of electricity... these wind turbines may be the future of electricity production." The turbines range in cost from \$490 to \$1,700. (Source: *Business Wire*, July 30, 2001)

The first regional transmission system in the Midwest, the Midwest Independent Transmission System Operator (MISO), is scheduled to begin operation by December 15, pending FERC's certification. MISO planners are currently linking multiple computer interfaces and beginning demonstration tests of the system. Obstacles that still must be worked out include:

- Crafting a "super-regional" rate for Alliance RTO and MISO members
- Creating an operational agreement between Alliance and MISO to establish available transmission capacity, generation interconnection standards, and transmission load relief coordination, among other objectives
- Determining how to include tax-exempt financed utilities

(Source: *Electricity Daily*, August 6, 2001)

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ATLANTA REGION

► **Restructuring Activities**

The Duke Energy Gas Transmission Company is awaiting FERC's approval of a \$289 million natural gas pipeline extension called the Patriot Project. The pipeline will transport 510 million cubic feet per day of gas, and 87 percent of the capacity has already been purchased through long-term contracts. The 94-mile pipeline will begin operating in May 2003, and will serve customers from southern Virginia to the Gulf Coast. Duke Energy Gas Transmission President Robert B. Evans said "The Patriot Project will increase the reliability of energy supplies by providing additional natural gas supplies, supply diversity and transportation competition to the region." (Source: *PR Newswire*, July 30, 2001)

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BOSTON REGION

► **Restructuring Activities**

Effective August 1, 2001, the New Hampshire Public Utilities Commission approved a rate decrease, which will allow New Hampshire residents to secure the lowest monthly electric bills in New England. The PUC's order was prefaced by a staff report indicating that "Unitil is striking the right balance between preparing for a deregulated market and reducing, to the extent practicable, price volatility experienced by retail customers." (Source: *Business Wire*, August 1, 2001)

Engineers at the New York Power Authority have begun building a power control station that will facilitate the flow of power from the northern and western parts of the state into New York City. The control station, located 90 miles west of Albany, will shift electricity flow between parallel lines in a first-of-its-kind project. Karl Stallkopf of the Electric Power Research Institute said "this is the first of its kind, and a very, very clever idea." (Source: *New York Times*, August 1, 2001)

► **Public Benefits Programs**

Massachusetts' mid-sized commercial, industrial, and municipal electric customers are now eligible for up to 15 percent of electric cost savings through a new program offered by Select Energy. The cost savings for Select Energy customers resulted from an increase in local utility "standard offer" and "default" service rates. Select Energy will provide potential customers with a cost comparison of savings and a price quote for electricity. For more information on this program, call 1-888-810-5678 or visit www.selectenergy.com/electric.

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CHICAGO REGION

► **Restructuring Activities**

Kansas City Power and Light's restructuring plan is two steps away from being approved. If the Securities and Exchange Commission and the Kansas Corporation Commission agree to the plan, the Great Plains Energy holding company would be established and possess oversight of the utility. (Source: *The Kansas City Star*, August 1, 2001)

As of July 30, Dominion East Ohio natural gas customers will receive a 29 percent reduction in rates. Customers will pay \$6.17 per thousand cubic feet. This gas cost recovery is two thirds of the customer bill, and the utility may not earn a profit on this rate. (Source: *Business Wire*, July 30, 2001)

► **Public Benefits Programs**

Residential and small business customers of Minnesota Power are now able to purchase electricity created from renewable wind power. **Customer response to the program, called WindSense, will help the power company decide whether or not to pursue wind generation. A slightly higher surcharge will appear on the bills of customers who opt for wind power because of the higher production costs involved.** (Source: *PRNewswire*, August 21, 2001)

XSterling Planet and Woodstock Windfarms in Minnesota have partnered to sell wind power in the form of green energy certificates to residents and businesses in the lower 48 states. The certificates are available even in states that have not deregulated their energy market. Deemed a new cash crop for Minnesota farmers, wind production in the state has the capacity to power over 3,700 households. More wind turbines are scheduled to go online later this year, and by 2002 five family-owned wind projects producing two megawatts each will go online. (Source: *Environment News Service*, August 9, 2001)

Lansing (MI) Board of Water and Light customers are now able to purchase 250 kWh of "GreenWise Electric Power" for \$7.50 per month, or 3 cents per kilowatt on a three-year contract.

The Michigan municipal utility will utilize energy produced from a landfill gas facility and hydro facilities. (Source: *Green Power Marketing Update*, July 2001)

Wisconsin Public Power Inc. will offer 150 kWh of green power for \$3 to its municipal utilities. The Renewable Energy Program will serve residential and business customers with power produced from a low-impact hydro source. Currently, 25 of 32 utilities served by Wisconsin Public Power will offer the program to their retail customers in the fall. (Source: *Green Power Marketing Update*, July 2001)

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DENVER REGION

► **Public Benefits Programs**

Shell WindEnergy Inc. will build a 50 MW wind farm in Wyoming. Rock River I is scheduled to begin service in October, and all wind generation produced will be sold to PacifiCorp in a 20-year power purchase contract. Approximately 164,000 tons of greenhouse gases will be offset annually. (Source: *Electricity Daily*, July 27, 2001)

Florida Power and Light is set to construct a 110-megawatt, wind-generated power plant in Kansas to provide electricity for 33,000 homes. **Despite the fact that Kansas is third among U.S. states in wind resources, the \$100 million dollar project is Kansas' first major wind initiative.** (Source: *The Wichita Eagle*, August 16th, 2001)

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PHILADELPHIA REGION

No news of interest to FEMP.

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SEATTLE REGION

► **Public Benefits Programs**

The nation's largest biomass-powered microturbine facility was recently constructed near Los Angeles. **Serving customers of the Los Angeles Department of Water and Power, the facility houses 50 turbines with total capacity of 1.5 megawatts.** The turbine power will be supplemented with six megawatts of traditionally generated electricity to power 7,500 homes. (Source: *Business Wire*, August 14, 2001)

Green Mountain Energy recently introduced their Home Solar System, designed to provide up to 100 percent solar electric power for residential customers. The installation is offered in three sizes from one to four kilowatts; with rebates from the California Energy Commission Buydown program incentives, the price ranges from \$7,000 to \$22,000. Back-up battery systems are also available for around \$3,000. The Solar Systems can recoup their up-front cost in 10 years. More information on the Green Mountain Energy Home Solar system is available by calling 1-866-GMTN-SUN or by accessing their website, www.greenmountain.com/gmec/ca/index.jsp.

Texaco and Bekaert ECD Solar Systems have reached an agreement to build one of the largest photovoltaic installations in the world, producing one megawatt of electric power. The contract will be partially funded by \$2.5 million allotted from the California Energy Commission's Emerging Renewables Buydown Program. Contract negotiators have also submitted a proposal seeking \$2

million more in funds from the California Public Utilities Commission. (Source: *PR Newswire*, July 31, 2001)

The U.S. Department of Energy and the Environmental Protection Agency recently awarded the **Green Mountain Energy Company with a “Purple Heart”** for its efforts in marketing green power in the State of California. (Source: *PR Newswire*, July 31, 2001)

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ALTERNATIVE FUELS AND VEHICLES

GENERAL ANNOUNCEMENTS

On August 7, the U.S. Department of Agriculture (USDA) announced plans to increase the use of biodiesel and ethanol fuels in USDA fleet vehicles. Under its new rule, USDA will fill its diesel storage tanks with blends of 20 percent (B20) or higher biodiesel fuel, where “practical and reasonable in costs.” USDA will also increase the use of ethanol for its flex-fueled vehicles, increase the use of ethanol-blended gasoline containing 10 percent domestically produced ethanol for its gasoline fueling stations, and purchase or lease alternative fueled vehicles in areas of the country where alternative fuel is available. (Source: *USDA News Release*, August 7, 2001; *Environmental News Service*, August 8, 2001)

On August 13, General Motors unveiled a new generator powered by fuel cells that can be used for home and business applications. **The stationary generator employs the same technology as automobile fuel cells. GM is looking into partnerships that could help speed the commercial development of the technology.** (Source: *Utility Spotlight*, August 13, 2001)

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ATLANTA REGION

No activities of interest to FEMP.

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BOSTON REGION

New Products and Services

On August 2, the Electric Fuel Corporation announced that the company has completed the performance testing of its zinc-air electric transit bus as part of Phase 2 of the Electric Fuel Zinc-Air Transit Bus Program. Electric Fuel Corporation began developing the bus in 1998 with funding from the Federal Transit Administration. On-road demonstration drives are planned to take place late this year in Las Vegas, Nevada. The goal of the Electric Fuel Zinc-Air Transit Bus Program is to develop and demonstrate a full-sized, all-electric bus that uses zinc-air battery technology. (Source: *PR Newswire*, August 2, 2001)

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CHICAGO REGION

No activities of interest to FEMP.

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DENVER REGION

No activities of interest to FEMP.

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PHILADELPHIA REGION

No activities of interest to FEMP.

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SEATTLE REGION

Boost to Clean Vehicle Industry In an August ruling, U.S. District Court Judge Florence-Marie Cooper issued a decision in favor of allowing the South Coast Air Quality Management District's requirement that public fleets operating in the region with 15 or more vehicles per region must acquire low-emission cars, trucks, and buses. A suit against the District was brought by the Western States Petroleum Association and the Engine Manufacturers Association to prevent implementation of the requirement. This first of its kind ruling should stimulate similar requirements at the state and local level throughout the nation. (Source: *Greenwire*, August 24, 2001).

General Announcements

On August 10, the State of California filed a lawsuit against the EPA to obtain relief from a requirement that California blend ethanol with most of the state's gasoline. As reported in the *June FEMP Update*, the EPA has denied the state's request for a waiver of the oxygen requirement for reformulated gasoline. Since Methyl Tertiary Butyl Ether, known as MTBE, will be phased out in California by December 31, 2002, the state will be required to use ethanol as an alternative method of adding oxygen. California maintains that it could meet *Clean Air Act* air quality standards without the use of ethanol. (Source: *CALSTART News Notes*, August 13, 2001)

Infrastructure Activities

Applied LNG Technologies of Amarillo, Texas, announced plans to build three new liquid natural gas (LNG) production sites in California. The first one will begin production in the fall of 2001 in Kern County; the other two will be located near San Diego and in the Semi Valley. The latter facilities will be fed by captured landfill gas. The landfill gas converted to LNG will be used to power waste-hauling trucks. (Source: *CALSTART News Notes*, August 3, 2001)

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ENERGY MANAGEMENT TOOLS AND TECHNOLOGY

➤ See also [Attachment D](#), *New Technologies*.

SOFTWARE AND TECHNICAL ASSISTANCE TOOLS

Sage Systems has introduced Aladn Web Applications, a suite of Internet networking tools. The Aladn programs use open standards so that third-party developers can create extensions and customizations tailored for differing energy use profiles. For more information, see www.sagesys.com.

The Association of Energy Engineers has published a new book, *Energy Management Systems and Direct Digital Control*, which covers hardware and system components, system architecture, networking, communications, estimating costs, choosing the right system, maintenance, and training. To order, go to www.aeecenter.org.

The Association of Energy Engineers has released a new edition of their book *Simple Solutions to Energy Calculations*. This third edition claims to save countless hours doing energy feasibility studies and dispel “energy myths” pertaining to energy conservation. To order, go to www.aeecenter.org.

The eighth edition of the book *Plant Engineers and Managers Guide to Energy Conservation* is now available from the Association of Energy Engineers. Contents include “management and engineering strategies which can be utilized to slash energy costs by as much as 40% in industrial facilities.” To order, go to www.aeecenter.org.

The new, fourth edition of the Association of Energy Engineers’ *Energy Management Handbook* is now available. This energy manager’s desk reference adds new chapters on utility restructuring, energy project financing, and outsourcing of energy services. To order, go to www.aeecenter.org.

The Association of Energy Engineers has also put out the third edition of its *Guide to Energy Management*. There is a new chapter on how to tie maintenance to your energy management program. Other topics covered include energy audits, rates, lighting efficiency, HVAC, control systems, wastes, and industrial water management. To order, see www.aeecenter.org.

There is also a new edition of the *Handbook of Energy Engineering*. This reference guide will aid design and retrofit projects and teach the reader how to perform “an energy analysis for any system.” For more information, see the Association of Energy Engineers’ website at www.aeecenter.org.

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MEETINGS, CONFERENCES, AND TRAINING **WORKSHOPS**

- Refer to [Attachment E](#) – Calendar of Upcoming Events.

ATLANTA REGION

The Association of Energy Engineers is sponsoring the seminar *Fundamentals of Energy Management November on 27-28 in Orlando, FL* The course will aid in preparation for the Certified Energy Manager’s exam and is cosponsored by the Department of Energy. For more information, go to www.aeecenter.org.

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BOSTON REGION

No new events of interest to FEMP.

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CHICAGO REGION

The U.S. Department of Energy is planning to distribute an Illinois wind resource map and **sponsor a wind energy workshop in the state** this fall in order to help increase the Illinois’s electricity from wind generation. The Illinois wind map, developed by scientists from DOE’s National Renewable Energy Laboratory, identifies locations in Illinois with sufficient wind resources to support commercial wind power generation. The Illinois Wind Workshop, to be held November 27, will highlight the myriad

benefits of wind power development in the state. For more information, go to the Department of Energy's website at www.energy.gov

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DENVER REGION

The Fall 2001 Federal Utility Partnership Working Group (FUPWG) meeting will be held in Oklahoma City, Oklahoma, October 10-11, 2001. The meeting will be hosted by Oklahoma Gas and Electric. Agenda items include Critical Updates, FEMP ALERT Team Update, Role of the Contracting Panel in Energy Programs, Gas Winter Outlook, Deregulation Update, Demand Response Programs, and more.

For more information on the FUPWG fall meeting, contact [Lori Schwarz](#) at (216) 751-9631.

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PHILADELPHIA REGION

The next edition of the lecture series Buildings for the 21st Century will be held on September 4 at the National Building Museum in Washington, DC. Alden Hathaway of the Environmental Resources Trust will discuss the Zero Energy Solar Home, which was displayed on Earth Day and is being erected in Loudoun County, VA. Sponsors are the Department of Energy and the National Building Museum. For more information, contact Jim Fremont at james.fremont@ee.doe.gov or (202) 586-5735.

FEMP is sponsoring the High Performance, Low Energy Laboratory Design Workshop on October 1 in Washington, DC. Participants will gain an "understanding of the opportunities to optimize energy performance in new and existing laboratories." For more information, see www.eren.doe.gov/femp/resources/training/fy2001_high_performance.html.

The Association of Energy Engineers is sponsoring the seminar Fundamentals of Energy Management on November 1-2 in Atlantic City, NJ. The course will aid in preparation for the Certified Energy Manager's exam and is cosponsored by the Department of Energy. For more information, go to www.aeecenter.org.

FEMP's Philadelphia Regional Office and the General Services Administration's Energy Center are co-sponsoring the training workshop Energy Now! on November 28 in Arlington, VA. Topics will include: "How to buy power and not get burned," "What works and what doesn't," "The latest energy supply alternatives," "How to become a smooth energy operator," and "How to improve your O&M." For more information, go to www.cmpinc.net/energynow.

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SEATTLE REGION

The Department of Energy, the California Alliance for Distributed Energy Resources, and the California Energy Commission are presenting the symposium Distributed Generation: Opportunities and Obstacles on November 1-2 in San Diego, CA. A full listing of the program's contents will be available soon, along with registration information, at www.cader.org.

The Department of Energy's Federal Energy Management Program is sponsoring the workshop Energy 2002 in Palm Springs, CA, on June 2-5, 2002. Tracks include Distributed Energy; Facilities; Politics, Programs, and Partnerships; Project Financing; Sustainable Design; Transportation; Utilities; and more. For more information, see the website at www.energy2002.ee.doe.gov.

STUDIES, REPORTS, AND ANALYSES

ENERGY AND WATER CONSERVATION

Save Water and Energy Education Program Study, Department of Energy, August 1, 2001.

The study finds that a typical family could save \$200 per year by switching to energy and water efficient household appliances such as low-flow shower heads and toilets and high-efficiency dryers and dish washers. To see the study, go to www.pnl.gov/buildings/download_reports.html

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SOLAR AND RENEWABLE ENERGY

NR-18: Comprehensive National Energy Policy, National Governors Association (NGA), August 7, 2001.

At its annual meeting, NGA adopted a national energy policy which states that the solution to our nation's energy needs will require not only the environmentally responsible development of traditional sources, but also increased conservation and a greater reliance on alternative and renewable energy sources. The policy calls on the Federal Government to support the production and use of domestic renewable energy sources, ensure sufficient investment into the research and development of alternative and renewable energy sources, and eliminate unnecessary regulatory barriers to achieving greater energy efficiency. Additionally, NGA's policy urges the government to continue offering incentives to produce alternative transportation fuels, support efforts to promote fuel cell technologies and distributed generation, and promote the purchase of fuel-efficient hybrid and fuel-cell vehicles. To view the policy in its entirety, visit www.nga.org.

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UTILITY-RELATED ISSUES

White Paper on Electricity Legislation, Senator Jeff Bingaman, July 20, 2001.

Senator Bingaman (D-NM), Chairman of the Committee on Energy and Natural Resources, states that the electricity crisis in California and other Western states makes clear that current electricity market institutions are not adequate to ensure the supply of electricity. Congress, therefore, has a duty to examine the new economic foundations of the electricity industry, to review existing market institutions, to assess the legal and regulatory institutions in place, and subsequently to create a legislative solution that will resolve the market's defects.

According to the white paper, Congress must respond to the new realities of electricity markets by making balanced, comprehensive legislative changes in five areas: transmission jurisdiction, reliability, rates and market power, regional planning and siting, and market transparency rules. Specifically, Congress should clarify that FERC has jurisdiction over all transmission, and FERC jurisdiction should be extended to all utilities. Congressional legislation should also authorize a system for ensuring mandatory grid reliability. Legislation must also require that FERC promote competitive markets in which all sellers are subject to market rules and mitigation measures and should authorize regional regulatory compacts with jurisdiction over transmission planning, expansion, and siting. Congress must also ensure there is transparent information on market transactions and should grant authority to FERC and the Energy Information Administration to collect and publish this information. In addition, Congress

must complement these measures with changes in the tax code that allow for a more modern transmission grid.

The white paper states that, just as the business of supplying electricity has changed, so too must the legal and regulatory framework in which the business operates change to more adequately reflect the new realities of the market.

For more information, click on the “Documents” link at the committee’s website, www.senate.gov/~energy.

California, Here We Come: The Lessons Learned from Natural Gas Deregulation, Center for the Advancement of Energy Markets, August 2001.

The study claims that gas competition has lowered customer costs by approximately \$6,000 per household. Among the findings, researchers concluded:

- Deregulation has reduced long-term price fluctuations.
- Light regulation of gas pipelines has been a big factor in passing on lower commodity costs to consumers.
- Buyers seeking energy-efficient investments have flocked to natural gas as their fuel of choice.

For more study results, consult www.caem.org.

Assessing the “Good Old Days” of Cost-Plus Regulation, Boston Pacific Company, 2001.

In this study prepared for the Electric Power Supply Association, the authors noted that power prices rose from 1970 to 1985 and fell after that period. The study claims that, while some of the price drop occurred due to cheaper fuel, electricity competition should be credited with lowering power prices. For more information see www.epsa.org.

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ECONOMIC ANALYSES

Public-Private partnerships – Pilot Program Needed to Demonstrate the Actual Benefits of Using Partnerships, General Accounting Office, July 2001.

This report was prepared in response to a request by several members of the U.S. House of Representatives. GAO was asked to:

Identify the potential benefits of allowing federal agencies to enter into public-private partnerships on real property, in which the federal government contributes real property and a private entity contributes financial capital and borrowing ability to redevelop or renovate the real property.

To conduct the initial investigation, GAO contracted with Ernst & Young LLP and Signet Partners to develop and analyze “hypothetical partnership scenarios” for a selection of General Services Administration buildings. The project selected a diverse inventory of facilities in terms of geographic location, size and type, and historical features. **In brief, the study revealed that potential internal rates of return for a private partner ranged from 13.7 percent to 17.7 percent. Potential benefits identified included improved space, lower operating costs, and increased revenue without up-front Federal capital costs. GAO cautions that this issue requires additional study and that public-private partnerships may not be the best approach for all building projects. GAO also recommends that Congress give GSA the authority to conduct a pilot program to demonstrate the**

“Exploiting Wind Versus Coal,” *Science*, Mark Jacobson and Gilbert Masters, August 24, 2001.

Professors Jacobson and Masters conclude that, when taking into account the health and environmental costs of coal generation, wind power produces electricity more cheaply. Go to www.sciencemag.org to read the article (registration required).

***Park Service: Visitor Center Project Costs, Size, and Functions Vary Widely*, General Accounting Office, July 2001.**

At the request of Congress, the National Park Service has determined the number, status, and reasons for its new visitor center projects; whether they involved new construction or renovations of existing facilities; and the projects’ costs and sources of funding. Congress requested this information out of concern that the Park Service’s new visitor center projects appeared more costly than in the past. The total cost of all 80 projects is estimated to be about \$542 million. The Park Service also determined that, of the total cost of the visitor center projects, 60 percent comes from Park Service appropriated funds, 18 percent from private partnership funding, 9 percent from fee demonstration funds, 6 percent from Federal highway funds, and 7 percent from other sources. To view the report, see GAO-01-781 at www.gao.gov.

***Military Housing: DOD Needs to Address Long-Standing Requirements Determination Problems*, General Accounting Office (GAO), August 2001.**

The GAO report describes the need for the Department of Defense to adopt and implement a more effective and consistent process for determining the requirements for family housing on its installations. Such a process has not yet been adopted due to a lack of consensus across DOD and the Department’s inconsistent consideration of the availability of private sector housing. However, if implemented, a comprehensive process for determining requirements could help ensure DOD does not invest in housing and infrastructure costs it does not need. For more information, see GAO Report GAO-01-889 at www.gao.gov.

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ALTERNATIVE FUELS AND VEHICLES

***Positioning the State of Michigan as a Leading Candidate for Fuel Cell and Alternative Powertrain Manufacturing*, Center for Automotive Research for the Michigan Economic Development Corporation and the Michigan Automotive Partnership, August 7, 2001.**

The study offer ways to position Michigan at the forefront in fuel cell manufacturing and as a leading candidate for potential fuel cell manufacturing facility investment. To view the report in its entirety, visit www.michigan.org.

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ATTACHMENT A

STATUS OF FY 2002 APPROPRIATIONS BILLS

(In Billions)

HOUSE

SENATE

<i>Jurisdiction/ FY 2002 Budget Request</i>	<i>302(b) Allocations / Approved Funding Level</i>	<i>Bill No.</i>	<i>Full Cmte.</i>	<i>Floor</i>	<i>Conf.</i>	<i>302(b) Allocations /Approved Funding Level</i>	<i>Bill No.</i>	<i>Full Cmte.</i>	<i>Floor</i>	<i>Conf.</i>
Agriculture \$ 15.409	\$ 15.519 \$ 15.669	<i>H.R.</i> 2330	June 13	July 13		\$ 16.092 \$16.4	<i>S.</i> 1191	July 17	<i>Pend- ing</i>	
Commerce \$ 37.944	\$ 38.541 \$38.5	<i>H.R.</i> 2500	July 13	July 19		\$38.760 \$41.49	<i>S.</i> 1215	July 19	<i>Pend- ing</i>	
Defense \$300.962	\$300.292					\$298.568				
Energy and Water Development \$ 22.517	\$ 23.704 \$ 23.7	<i>H.R.</i> 2311	June 25	June 28		\$ 25.129 \$ 25.1	<i>S.</i> 1171	July 12	July 19	
Interior \$ 18,092	\$ 18.941 \$ 18.9	<i>H.R.</i> 2217	June 13	June 21		\$ 18.527 \$ 18.5	<i>H.R.</i> 2217	June 28	July 12	
Labor / HHS \$115.682	\$119.758					\$119.000				
Military Construction \$ 9.650	\$ 10.155					\$ 9.649				
Transportation \$ 14.891	\$ 14.893 \$ 14.9	<i>H.R.</i> 2299	June 20	June 26		\$ 15,579 \$ 15.579	<i>S.</i> 1178	July 12	August 1	
Treasury \$ 16.488	\$ 16.880 \$ 17.0	<i>H.R.</i> 2590	July 17	July 25		\$ 16.972		July 26		
VA/HUD \$ 83.683	\$ 84.159 \$ 84.159	<i>H.R.</i> 2620	July 17	July 31		\$ 84.053 \$ 84.05	<i>S.</i> 1216	July 19	August 2	
Total 302(b) Allocations/ FY 2002 Budget Request \$658.792	\$661.300					\$661.300				

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ATTACHMENT B

NEW LEGISLATION OF INTEREST TO FEMP

SENATE

Number	Short title	Date	Sponsor	Status
<i>S. 1321</i>	<i>No Short Title</i>	August 2	James Inhofe (R/OK) <i>Committee on Environment and Public Works</i>	Referred to the Committee on Indian Affairs
	Key Provisions:	Authorizes the construction of a Native American Cultural Center and Museum in Oklahoma City, Oklahoma.		

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ATTACHMENT C

HEARINGS SCHEDULE

HOUSE – APPROPRIATIONS

No new hearings of interest have been scheduled.

HOUSE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>September 5</i> - Committee on the Budget (NEW)	Jim Nussle (R/IA)	Hearing – Mid-Season Review and Update of the Budget and Economic Outlook report by the Office of Management and Budget	Mitchell Daniels, Director, Office of Management and Budget Dan Crippen, Director, Congressional Budget Office	10:00 a.m. Room 210 Cannon Office Building

SENATE – APPROPRIATIONS

No new hearings of interest have been scheduled.

SENATE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>September 5</i> – Subcommittee on Readiness and Management Support (NEW)	Daniel Akaka (D/HI)	Hearing – Authorization of FY 2002 appropriations for programs under subcommittee's jurisdiction (includes military construction)	TBA	10:00 a.m. Room 232A Russell Office Building

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ATTACHMENT D – NEW TECHNOLOGIES

For informational purposes only. Listing does not imply endorsement.

Technology	Manufacturer	Manufacturers Claim	Contact
Lighting			
Ergolight Discus	Ledalite	Uses two T5 lamps and electronic controls to save up to 87 percent	www.energyusernews.com
LUMAcoid fluorescent lamp	AM Conservation Group	Lasts 10,000 hours	www.amconservationgroup.com
Under cabinet lamp	MaxLite	Efficient 8 W lamp replaces 40 W bulbs	www.maxlite.com/sld006.htm
Load control			
IDP-3050 Plug Load Control	Isole	Power strip with six outlets controlled by occupancy sensors	www.wattstopper.com
LIGHTING CONTROLS			
Lighting controls/skylights	Wattstopper Solatube	Coordinates electric lights with skylights	www.energyusernews.com
Wall light switch	Sentry	Coordinates with building time clocks and occupancy sensors	www.energyusernews.com
Refrigerator			
Frost-free refrigerator/freezer	Intirion	CFC-free; exceeds Federal energy standards	(800) 231-2182 Ten Walpole Park South Walpole, WA 02081-9935
HVAC			
Centurion rooftop air conditioning unit	Carrier	Models have EER ratings up to 11.6, power and demand controls can cut costs 25 percent	www.energyusernews.com

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ATTACHMENT E

MEETINGS, CONFERENCES, AND OTHER EVENTS

NOTE: New events are highlighted in **blue**.
DOE-sponsored events are highlighted in **red**.

ATLANTA REGION

DATE	EVENT	SPONSOR
September 17-21, 2001	Fifth Biomass Conference of the Americas Orlando, FL	DOE, USDA, NREL, Natural Resources Canada
October 24-26, 2001	2001 World Energy Engineering Congress Conference & Expo Atlanta, GA	Association of Energy Engineers
October 24-27, 2001	Excellence in Building 2001 Orlando, FL	Energy and Environmental Building Association
November 6-9, 2001	Distributed Generation Conference and 18 th Annual Conference Miami, FL	National Association of Energy Service Companies
November 27-28, 2001	Fundamentals of Energy Management Orlando, FL	Association of Energy Engineers
November 28-29, 2001	Business Energy Solutions Conference & Expo Orlando, FL	Association of Energy Engineers

BOSTON REGION

DATE	EVENT	SPONSOR
September 16-19, 2001	2001 NASEO Annual Meeting Portland, ME	National Association of State Energy Officials
October 4-5, 2001	Distributed Generation seminar Boston, MA	Association of Energy Engineers
October 16-17, 2001	Energy & Environmental Technologies Conference Atlantic City, NJ	New Jersey Department of Environmental Protection New Jersey Corporation for Advanced Technology

CHICAGO REGION

DATE	EVENT	SPONSOR
August 29-30, 2001	Integrated Energy Efficiency Conference and Facilities Management and Maintenance Expo Cleveland, OH	Association of Energy Engineers

DATE	EVENT	SPONSOR
September 24-26, 2001	Powering the Future: New Strategies and Solutions for Deploying Distributed Power in the Marketplace Chicago, IL	Intertech USA
November 27, 2001	Illinois Wind Workshop Lisle, IL	Department of Energy
March 19-21, 2002	Electric Power 2002 Conference & Exhibition St. Louis, MO	Electric Power 2002

DENVER REGION

DATE	EVENT	SPONSOR
September 11-14, 2001	17 th Annual Mobile Sources/Clean Air Conference Estes Park, CO	Colorado State University
September 24-25, 2001	Distributed Generation Denver, CO	Center for Business Intelligence
October 10-11, 2001	Federal Utility Partnership Working Group Oklahoma City, OK	FEMP
October 14-17, 2001	National Center for Photovoltaics Program Review Lakewood, CO	National Renewable Energy Laboratory, Sandia National Laboratory
December 5-7, 2001	4 th Annual Interactive Energy 2001 Conference	Interactive Energy 2001

PHILADELPHIA REGION

Date	Event	Sponsor
September 4, 2001	Buildings for the 21st Century Washington, DC	Department of Energy
September 10-13, 2001	Environmental Innovations Summit Washington, DC	Environmental Performance Institute
September 24-25, 2001	Deregulation: Curse or Cure? Philadelphia	Strategic Research Institute
October 1, 2001	High Performance, Low Energy Laboratory Design Workshop Washington, DC	FEMP
October 2-4, 2001	Labs for the 21st Century Washington, DC	Environmental Protection Agency Department of Energy

Date	Event	Sponsor
November 1-2, 2001	Fundamentals of Energy Management Atlantic City, NJ	Association of Energy Engineers
November 28, 2001	Energy Now! Arlington, VA	FEMP
March 6-8, 2002	National Facilities Management and Technology Conference & Exposition Baltimore, MD	National Facilities Management and Technology Conference
March 27-28, 2002	Globalcon Energy/Facilities Management & Exposition Philadelphia, PA	Association of Energy Engineers

SEATTLE REGION

DATE	EVENT	SPONSOR
September 5-7	Oregon Sustainability Forum Portland, OR	Oregon Sustainability Forum
September 25-27	Facilities America 2001 Las Vegas, NV	Association of Facilities Engineering
September 30- October 5, 2001	Photovoltaic Experience Conference Sacramento, CA	Solar Electric Power Association
October 4, 2001	UPEX '01: The Photovoltaic Conference and Exhibition Sacramento, CA	Solar Electric Power Association
November 1-2, 2001	Distributed Generation: Opportunities and Obstacles San Diego, CA	Department of Energy
December 10-12, 2001	World of Water Las Vegas, NV	Water World and Industrial Water World
December 11-13	POWER-GEN Conference Las Vegas, NV	Power Engineering Magazine
January 28-29, 2002	Reducing Your Energy Costs Conference New Orleans, LA	Center for Business Intelligence
June 2-5, 2002	Energy 2002 Palm Springs, CA	FEMP
June 6-7, 2002	West Coast Energy Management Congress Anaheim, CA	Association of Energy Engineers
June 15-20, 2002	Solar 2002 Reno, NV	American Solar Energy Society

INTERNATIONAL

DATE	EVENT	SPONSOR
August 8-12, 2001	51 st Annual Convention Montreal, Canada	American Institute of Building Design
December 7-8, 2001	MTEE-21: International Symposium on the Management and Technology of Energy and the Environment Vancouver, Canada	
March 13-15, 2002	GLOBE 2002 – Seventh International Conference and Trade Fair on the Business of the Environment Vancouver, Canada	GLOBE Foundation of Canada

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